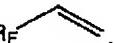


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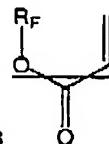
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1. (currently amended): A composition comprising an R_F-monomer, wherein R_F comprises at least two three -CF₃ groups and at least two hydrogens.
2. (Original) The composition of claim 1 wherein R_F comprises at least one -CH₂- group.
3. (Original) The composition of claim 1 wherein R_F comprises at least one cyclic group.
4. (Original) The composition of claim 1 wherein R_F comprises at least one aromatic group.
- 5-6 (cancelled).
7. (Original) The composition of claim 1 wherein R_F comprises at least two (CF₃)₂CF- groups.
8. (Original) The composition of claim 1 wherein R_F comprises at least four carbons and one of the four carbons comprises a -CH₂- group.
9. (Original) The composition of claim 1 wherein the R_F-monomer comprises R_F-Q_M, wherein the Q_M portion comprises a group configured to react with another monomer to form at least a portion of an oligomer.

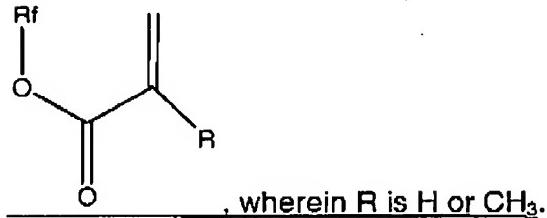
10. (Original) The composition of claim 9 wherein the Q_M portion comprises an olefin.

11. (Original) The composition of claim 10 wherein the R_F-Q_M is R_F.

12. (Original) The composition of claim 9 wherein the Q_M portion comprises an acrylate.

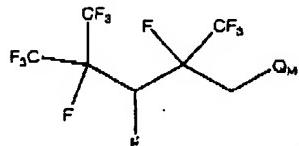


13. (currently amended): The composition of claim 12 wherein the R_F-Q_M is

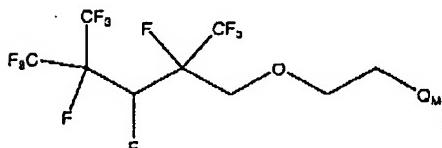


14-15 (cancelled).

16. (Original) The composition of claim 9 wherein the R_F-Q_M is

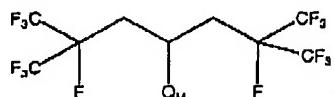


17. (Original) The composition of claim 9 wherein the R_F-Q_M is

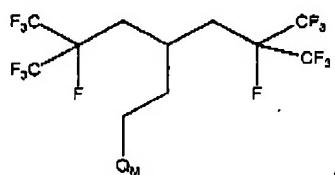


18-19 (cancelled).

20. (Original) The composition of claim 9 wherein the R_F-Q_M is

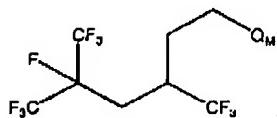


21. (Original) The composition of claim 9 wherein the R_F-Q_M is



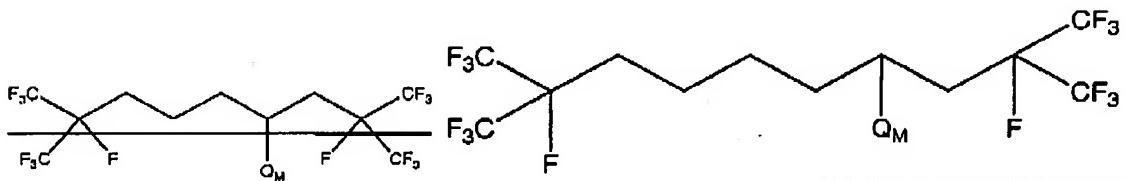
22. (Original) The composition of claim 9 wherein the R_F-Q_M is

23. (Original) The composition of claim 9 wherein the R_F-Q_M is

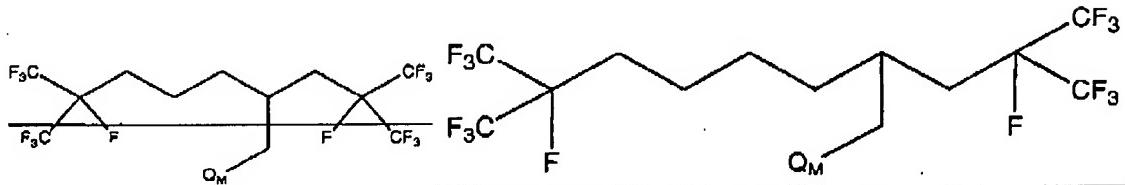


24-25 (cancelled).

26. (currently amended): The composition of claim 9 wherein the R_F-Q_M is



27. (currently amended): The composition of claim 9 wherein the R_F-Q_M is



28-29 (cancelled).

30. (Original) A composition comprising a R_F-monomer unit, wherein R_F comprises a pendant group of the monomer unit, the pendant group comprising at least two -CF₃ groups and at least two hydrogens.

31. (Original) The composition of claim 30 wherein the R_F-monomer unit comprises R_F-Q_{MU}, Q_{MU} comprising a remainder of the monomer unit.

32. (Original) The composition of claim 30 wherein the pendant group comprises at least one -CH₂- group.

33. (Original) The composition of claim 30 wherein the pendant group comprises at least one cyclic group.

34. (Original) The composition of claim 30 wherein the pendant group comprises at least one aromatic group.

35. (Original) The composition of claim 30 wherein the pendant group comprises at least one (CF₃)₂CF- group.

36. (Original) The composition of claim 30 wherein the pendant group comprises at least three -CF₃ groups.

37. (Original) The composition of claim 30 wherein the pendant group comprises at least two (CF₃)₂CF- groups.

38. (Original) The composition of claim 30 wherein the pendant group comprises at least four carbons and one of the four carbons comprises a -CH₂- group.

39. (Original) The composition of claim 30 wherein the composition comprises an acrylic and the R_F-Q_{MU} is a monomer unit of the acrylic.

40. (Original) The composition of claim 30 wherein the composition comprises a resin and the R_F-Q_{MU} is a monomer unit of the resin.

41. (Original) The composition of claim 40 wherein the resin comprises a polyurethane resin.

42. (Original) The composition of claim 30 wherein the composition comprises a polymer and the R_F-Q_{MU} is a monomer unit of the polymer.

43. (Original) The composition of claim 42 wherein the polymer comprises a copolymer.

44. (Original) The composition of claim 42 wherein the polymer comprises a block polymer.

45. (currently amended): A composition comprising a R_F-metal-complex R_{F-}composition, R_F comprising at least two -CF₃ groups and the composition comprises one or more of a metal complex, a phosphate ester, a glycol, and a urethane.

46. (currently amended): The composition of claim 45 wherein the R_F-metal-complex R_{F-}composition comprises R_F-Q_{MC}, Q_{MC} comprising a remainder of the a metal complex.

47. (Original) The composition of claim 46 wherein R_F comprises at least one -CH₂- group.

48. (Original) The composition of claim 46 wherein R_F comprises at least one cyclic group.

49. (Original) The composition of claim 46 wherein the cyclic group comprises an aromatic group.

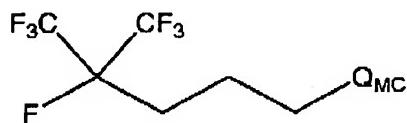
50. (Original) The composition of claim 46 wherein R_F comprises at least one (CF₃)₂CF- group.

51. (Original) The composition of claim 46 wherein R_F comprises at least three -CF₃ groups.

52. (Original) The composition of claim 46 wherein R_F comprises at least two (CF₃)₂CF- groups.

53. (Original) The composition of claim 46 wherein R_F comprises at least four carbons and one of the four carbons comprises a -CH₂- group.

54. (currently amended): The composition of claim 45 46 wherein R_F-Q_{MC}, is



55. (currently amended): The composition of claim 45 wherein the Q_C comprises a metal complex comprising complex, the metal complex comprising a metal and a ligand, the ligand comprising R_F-Q_g, wherein:

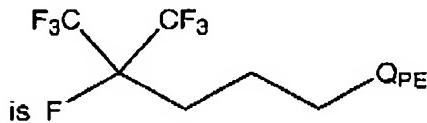
R_F comprises at least two -CF₃ groups and at least two hydrogens; and

Q_g is coordinated with the metal of the complex.

56-63 (cancelled).

64. (currently amended): The composition of claim 56 45 wherein the R_F-phosphate ester R_E-composition comprises R_F-Q_{PE}, Q_{PE} comprising a remainder of the a phosphate ester.

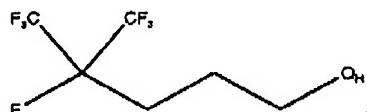
65. (Original) The composition of claim 64 wherein R_F-Q_{PE}



66-73 (cancelled).

74. (currently amended): The composition of claim 66 45 wherein the R_F -glycol R_F -composition comprises R_F-Q_H , Q_H comprising a remainder of the a glycol.

75. (Original) The composition of claim 74 wherein R_F-Q_H is



76-82 (cancelled).

83. (currently amended) The composition of claim 76 45 wherein the R_F -urethane R_F -composition comprises R_F-Q_U , Q_U comprising a remainder of the a urethane.

84. (Original) The composition of claim 83 wherein R_F-Q_U

